

DOCUMENTATION SHEET



NATIONAL AEROSPACE LABORATORIES

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Title : Post curing of Hansa-3 (VT- HNW) Components.

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Abstract:

This report contains the details of post curing of Hansa-3 (VT- HNW) all composite airframe components provided by C-CADD, carried out using an in-house designed and fabricated large hot air oven (17mts × 2.0mts × 2.0mts). It details an optimum post cure cycle implemented, the temperature accuracy's, the various innovative approaches adapted to ensure the safety of the full scale components undergoing post cure in the oven.

All the Hansa-3 (VT-HNW) airframe composite components post cured as per the standard optimum post cure cycle and the oven temperature monitored throughout around $\pm 3^{\circ}\text{C}$ to ensure uniform post curing of components